

04-26-04

Applicant's Docket No.: 789\_115

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the application of: Yukihiisa TAKEUCHI, Tsutomu NANATAKI and Iwao OHWADA

Ser. No.: 10/647,794

Art Unit: Not assigned

Filed: August 25, 2003

Examiner: Not assigned

Confirmation No.: 2005

For: LIGHT EMITTING DEVICE

Commissioner for Patents,  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 23, 2004 under "EXPRESS MAIL" mailing label number EV 47281 9820 US.

*Janet M. Stevens*  
Janet M. Stevens

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. In accordance with the Notice dated July 11, 2003 on the PTO website, we are not enclosing copies of any of the U.S. references listed on Form PTO.

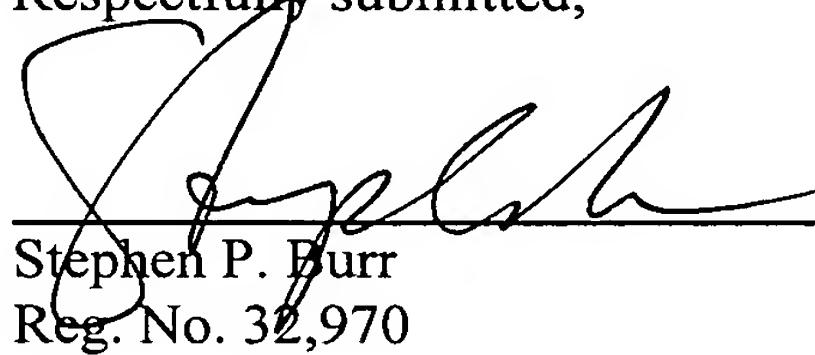
Reference CD (EP 0 353 632) was cited in a European Search Report (copy enclosed) bearing a mailing date of March 18, 2004 from a related European patent application.

References BV-CC and CE-CG were cited in a European Search Report (copy enclosed) bearing a mailing date of March 18, 2004 from a related European patent application, and the U.S. PTO is directed thereto for a concise statement of possible relevance of the references cited therein. Reference BZ (FR 2675306) corresponds to Reference BV (USP 5,280,221).

The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that these references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446.

Respectfully submitted,



Stephen P. Burr  
Reg. No. 32,970

April 23, 2004

Date

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Form PTO-1449

US DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT***(use as many sheets as necessary)*

Sheet

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of

1

*Complete if Known*

Application Number

10/647,794

Filing Date

August 25, 2003

First Named Inventor

Yukihisa TAKEUCHI

Art Unit

Not assigned

Examiner Name

Not assigned

Confirmation No.

2005

Attorney Docket No.

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**U.S. PATENT DOCUMENTS**

Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date
	BV	5,280,221	01/18/1994	Okamoto et al.				
	BW	5,747,926	05/05/1998	Nakamoto et al.				
	BX	6,198,225	03/06/2001	Kano et al.				
	BY	6,479,924	11/12/2002	Yoo				

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract
	BZ	2675306	10/16/1992	FR				✓
	CA	2789221	08/04/2000	FR				✓
	CB	2789223	08/04/2000	FR				✓
	CC	10057072	05/23/2001	DE				✓
	CD	0 353 632	02/07/1990	EP				

**OTHER DOCUMENTS***(Including Author, Title, Date, Pertinent Pages etc.)*

	CE	G. Benedek et al., "Electron Emission From Ferroelectric/Antiferroelectric Cathodes Excited by Short High-Voltage Pulses", Journal Applied Physics, Vol. 81, No. 3, 1 February 1997, pages 1396-1403
	CF	Gundel, H. et al., "Low Pressure Hollow Cathode Switch Triggered by a Pulsed Electron Beam Emitted From Ferroelectrics", Applied Physics Letter, American Institute of Physics, New York, US Vol. 54, No. 21, 22 May 1989, pages 2071-2073
	CG	Gundel, H. et al., "Time-Dependent Electron Emission From Ferroelectrics by External Pulsed Electric Fields", Journal of Applied Physics, American Institute of Physics, New York, US Vol. 69, No. 2, 15 January 1991, pages 975-982

Examiner:

Date Considered:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*In accordance with the Notice dated July 11, 2003 on the PTO website, we are not enclosing copies of any of the above U.S. references.